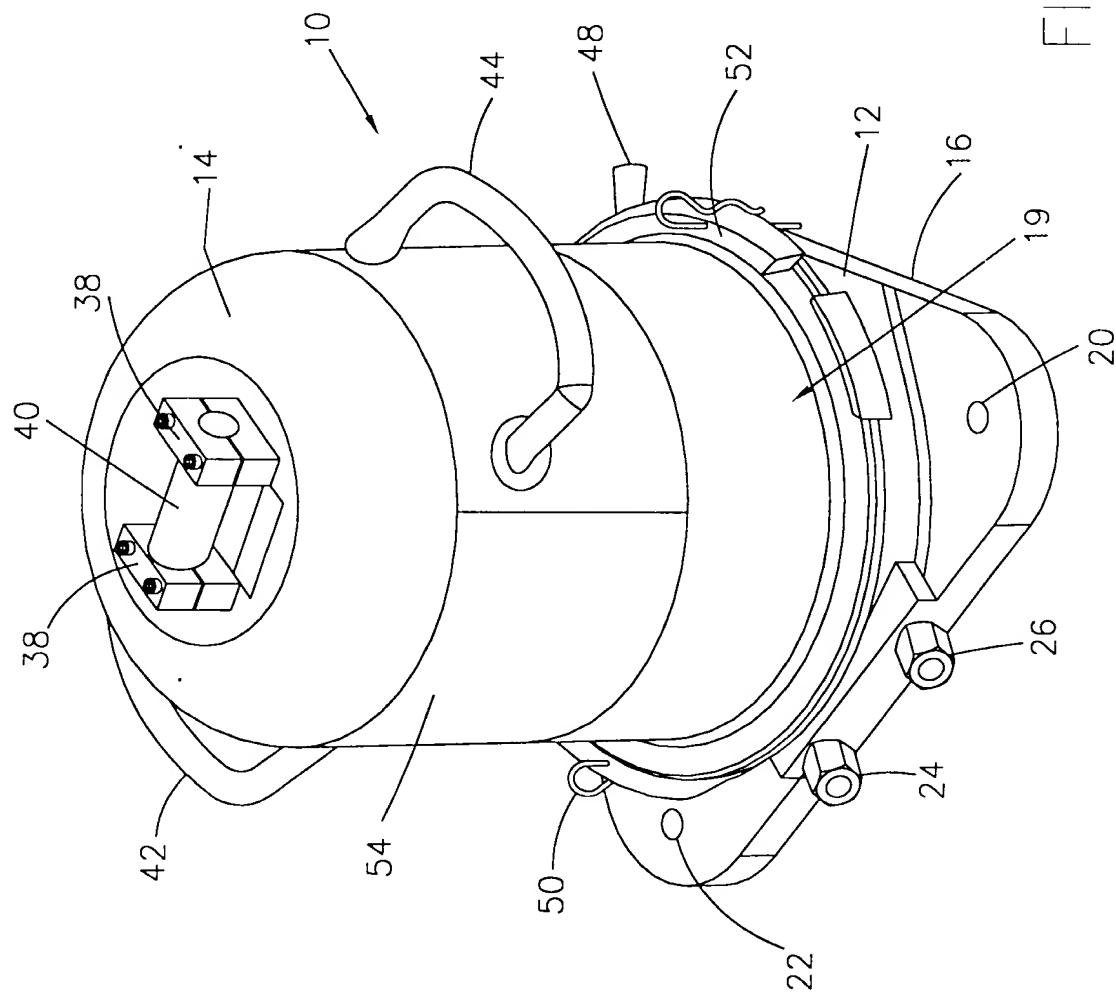


FIG. 1



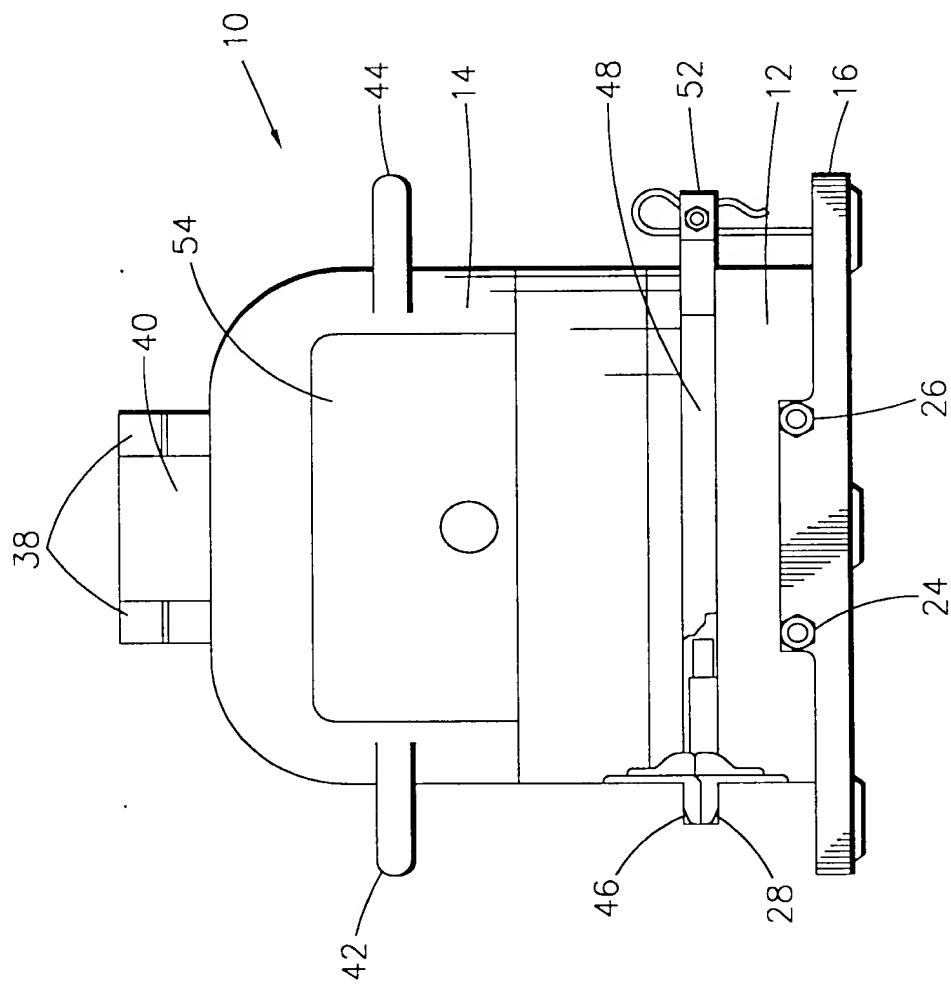


FIG. 2

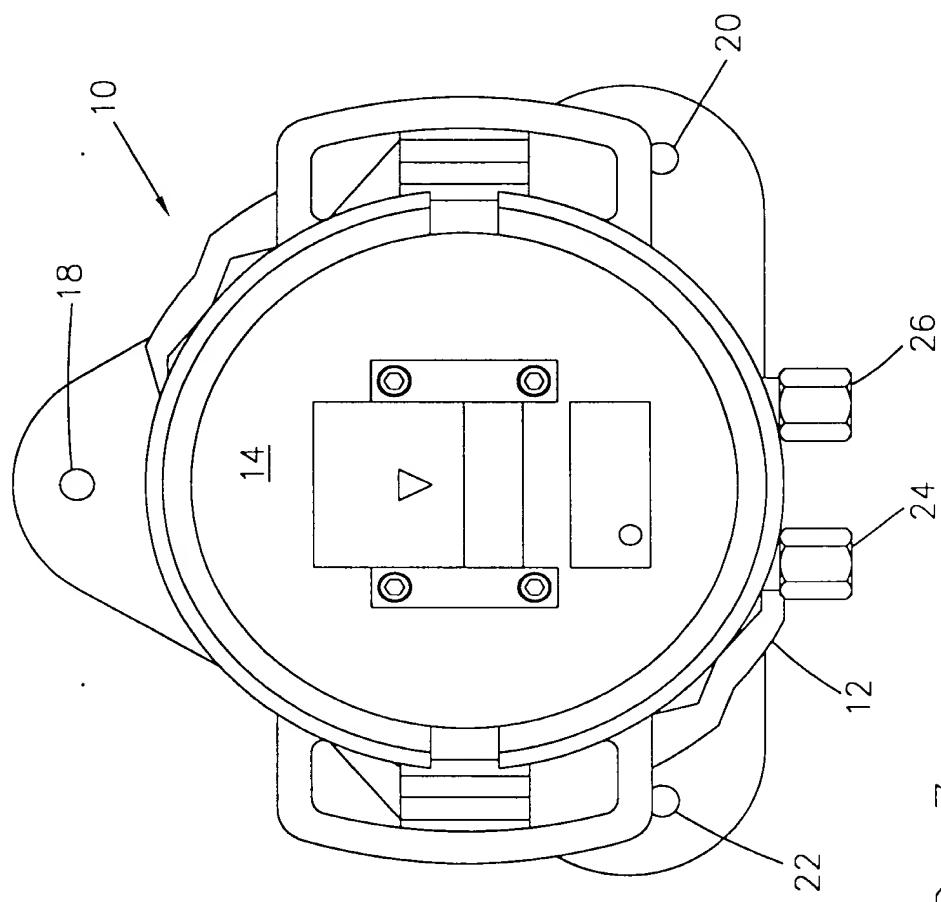


FIG. 3

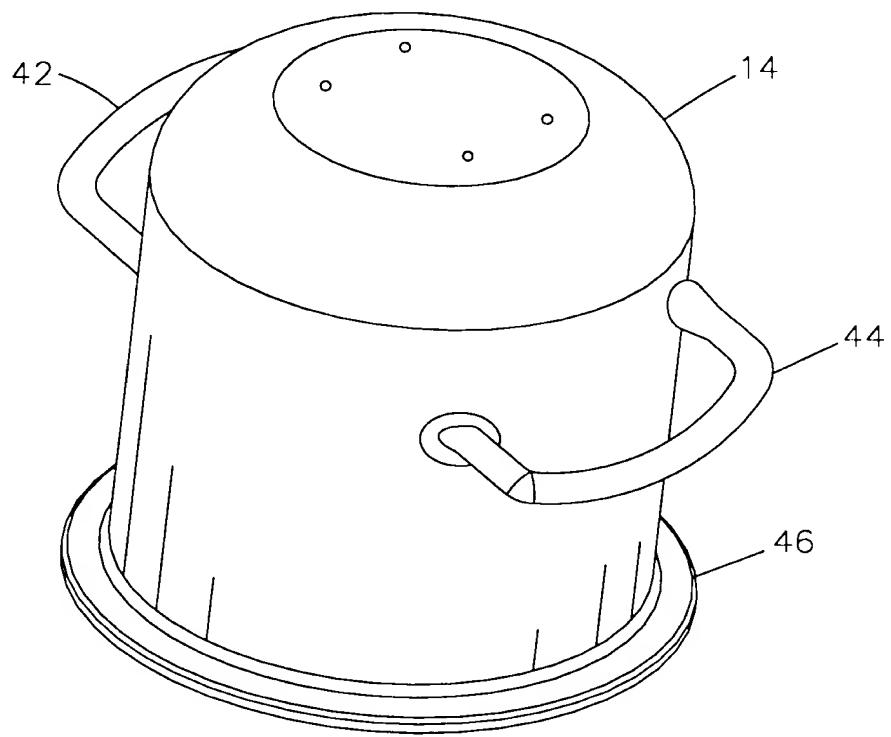


FIG. 4

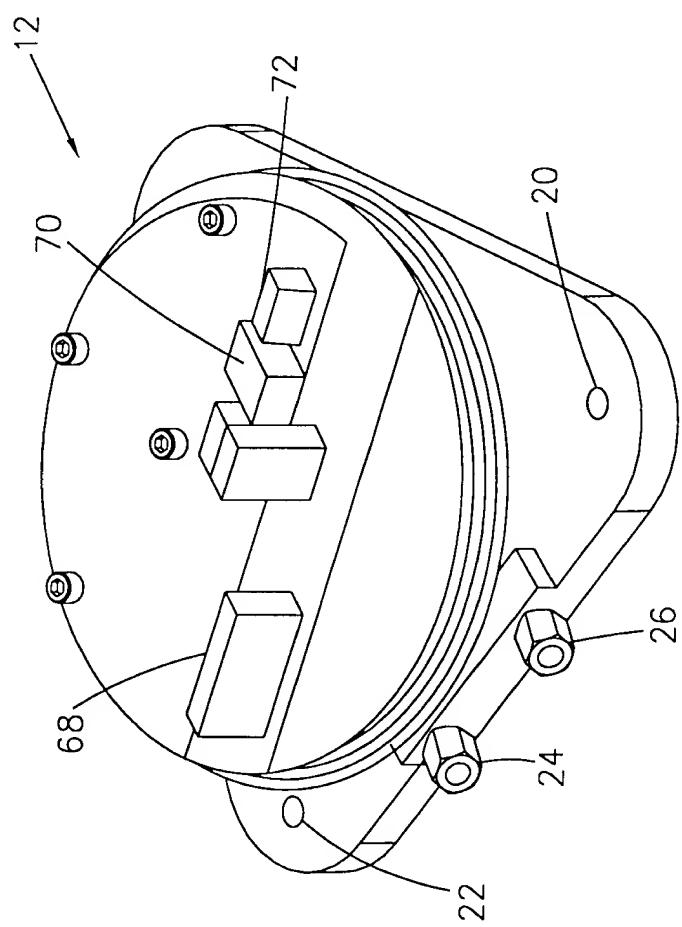


FIG. 5

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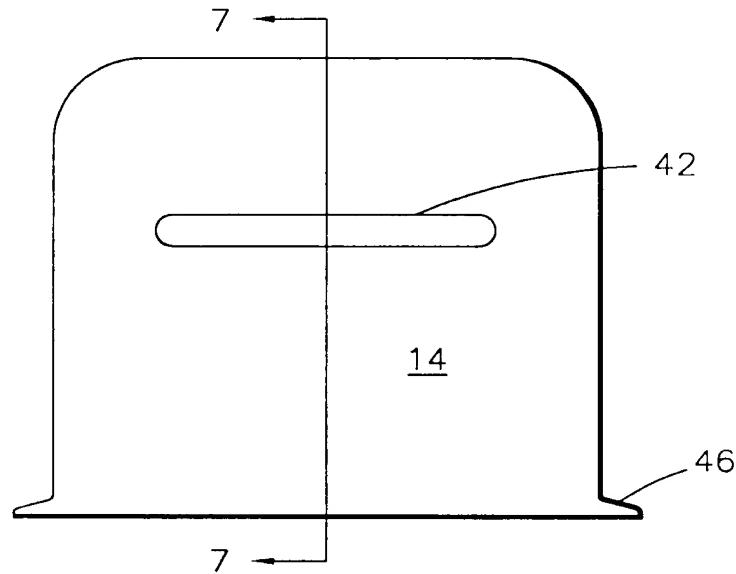


FIG. 6

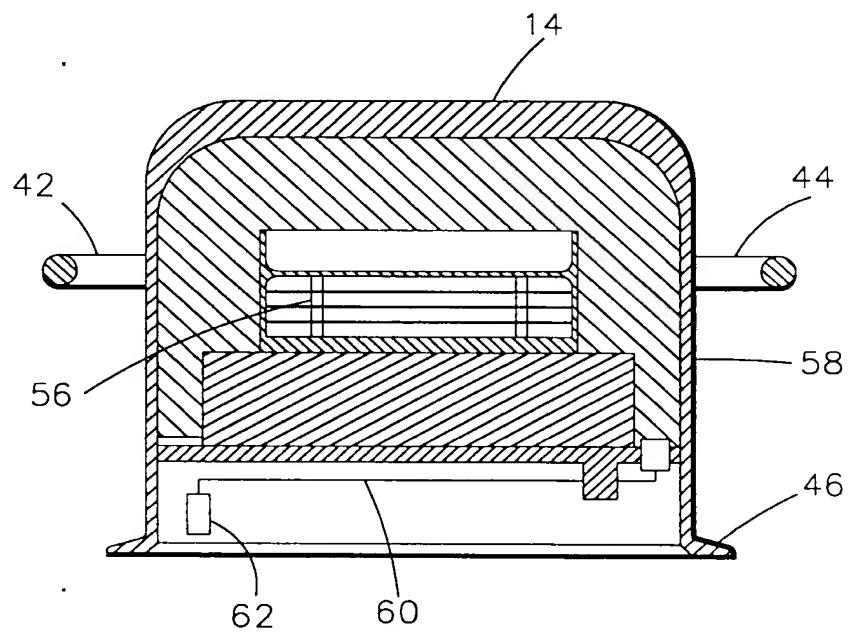


FIG. 7

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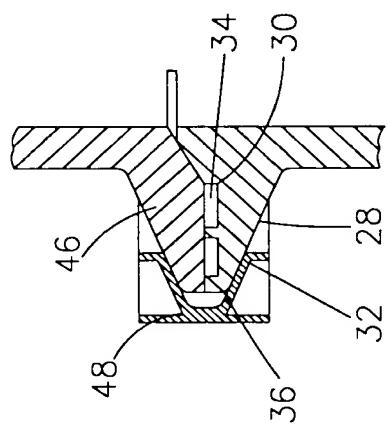


FIG. 8

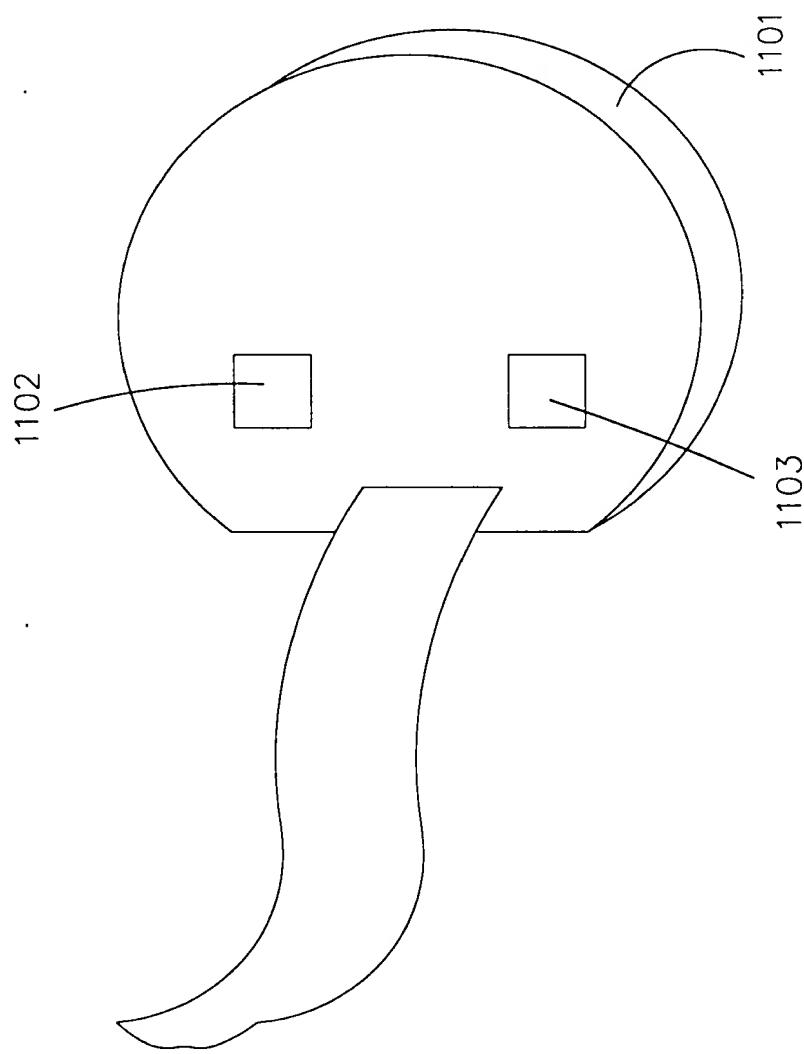


FIG. 11A

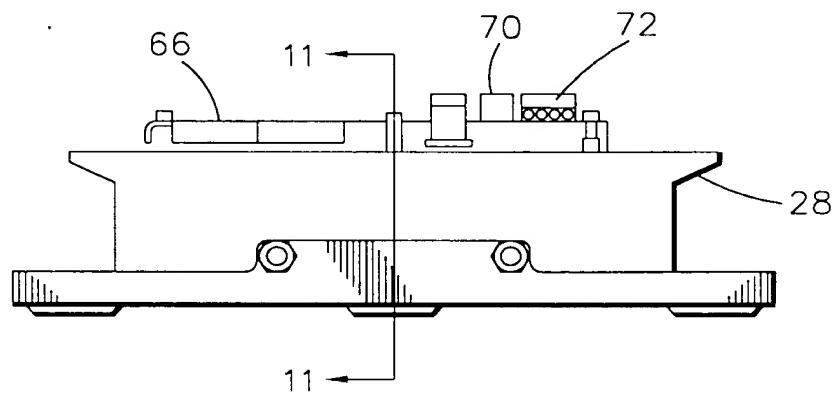


FIG. 9

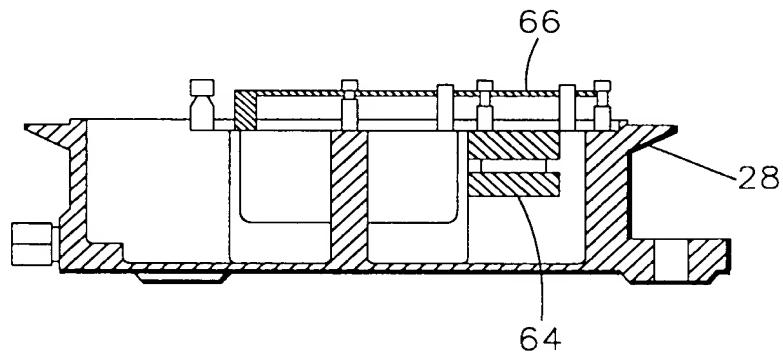


FIG. 10

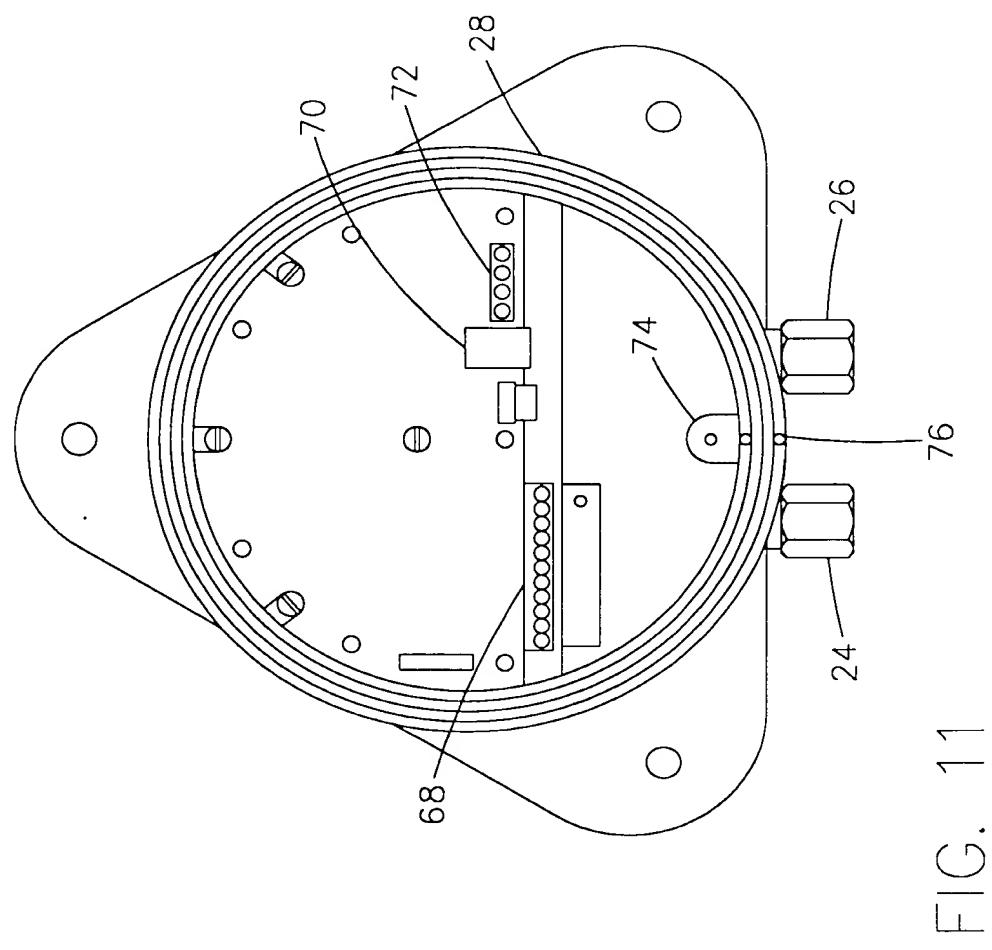


FIG. 11

HVR WEB INTERFACE

- HOME
- NETWORK SETUP
- FLASH SETUP
- SYS MAINTENANCE
- SYS INFORMATION
- SET PASSWORD
- HVR INTERFACE

THE HVR SOLID STATE RECORDER UTILIZES PROVEN AIRCRAFT TECHNOLOGY TO PROVIDE STORAGE CAPACITY EXCEEDING 12 HOURS OF RADAR, SENSOR, AND AUDIO DATA. THE FINAL RECORDING MEDIUM IS STORED IN A PROTECTIVE CAPSULE WITHIN THE HVR THAT IS FITTED WITH AN UNDERWATER LOCATOR BEACON (ULB) TO AID IN LOCATING THE RECORDER IN THE EVENT OF A CATASTROPHIC INCIDENT. THE HVR WILL BE LOCATED IN THE VICINITY OF THE BRIDGE ON THE EXTERNAL DECK AREA OF A VESSEL SO AS TO MAXIMIZE THE PROBABILITY OF ITS SURVIVAL AND RECOVERY FOLLOWING AN INCIDENT.

THE HVR IS DESIGNED TO MEET OR EXCEED THE FOLLOWING IEC TEST SPECIFICATIONS:

- F SHOCK - 11 MILLISECOND DURATION OF 50g
- F PENETRATION - 3m, 250 kg DROP TEST
- F FIRE - 1100 C FOR 1 HOUR / 260 C FOR 10 HOURS
- F DEEP SEA IMMERSION - 30 DAYS AT 6.000m OF DEPTH



FIG. 12

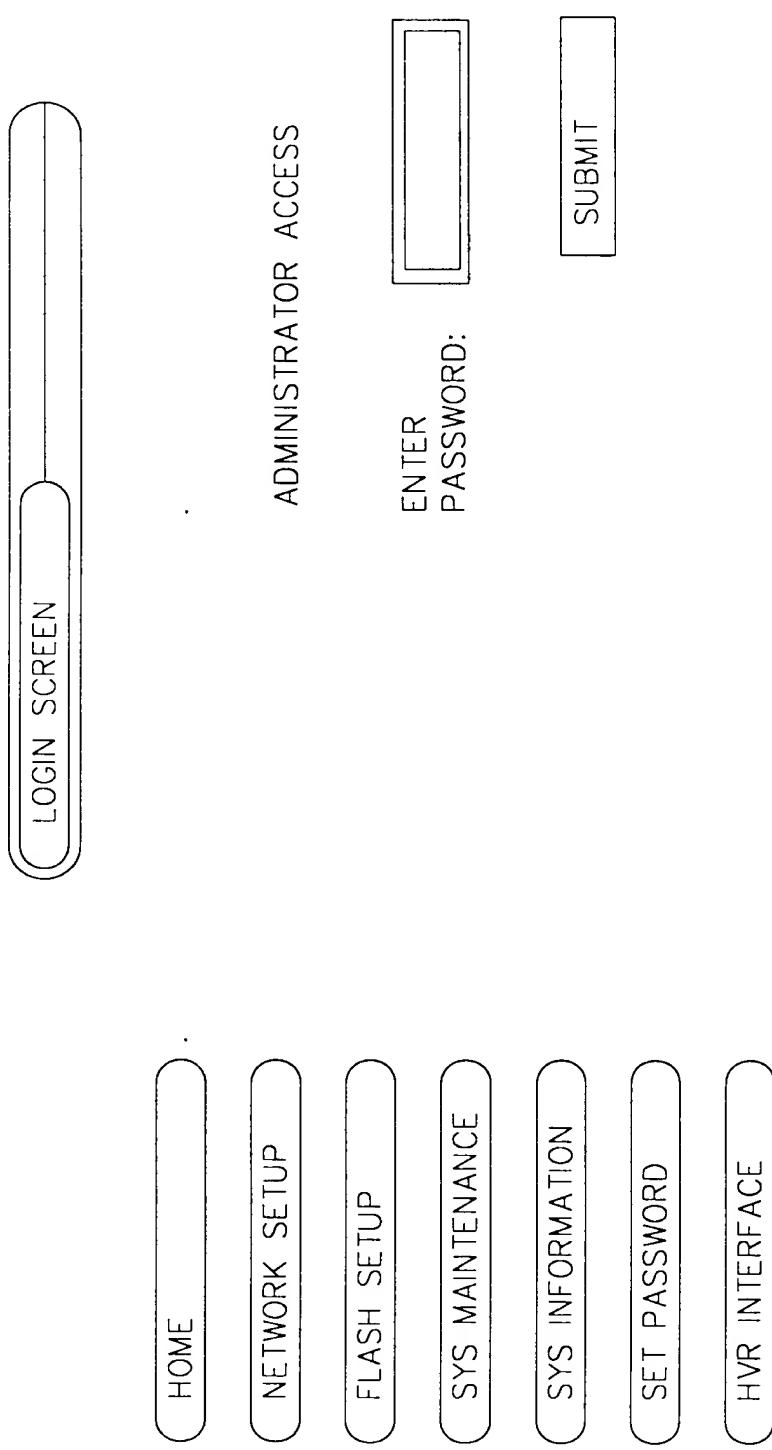


FIG. 13

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PARAMETER	CURRENT VALUE	NEW VALUE
HVR IP ADDRESS	192.168.0.2	
HVR SUBNET MASK	255.255.255.0	
DEFAULT GATEWAY IP	192.168.0.1	
SESSION TIME - OUT (SECONDS)	300 SECONDS	

FIG. 14

HOME	UPDATE DEVICES	HVR MEMORY PARTITION CONFIGURATION	SYS MAINTENANCE	SUBMIT CHANGES																																				
TOTAL DEVICES IN CRASH MODULE	96	NUMBER OF BYTES PER DEVICE	16777216	13/13																																				
CURRENTLY UNASSIGNED DEVICES	0	<table border="1"> <thead> <tr> <th colspan="3">UPDATE DEVICE ALLOCATIONS AND STREAM NAMES</th> </tr> <tr> <th>POSITION</th> <th>DEVICES</th> <th>STREAM NAME</th> </tr> </thead> <tbody> <tr><td>0</td><td>16</td><td>STREAM_0</td></tr> <tr><td>1</td><td>16</td><td>STREAM_1</td></tr> <tr><td>2</td><td>16</td><td>STREAM_2</td></tr> <tr><td>3</td><td>16</td><td>STREAM_3</td></tr> <tr><td>4</td><td>16</td><td>STREAM_4</td></tr> <tr><td>5</td><td>16</td><td>STREAM_5</td></tr> <tr><td>6</td><td>16</td><td>STREAM_6</td></tr> <tr><td>7</td><td>16</td><td>STREAM_7</td></tr> <tr><td>8</td><td>16</td><td>STREAM_8</td></tr> <tr><td>9</td><td>16</td><td>STREAM_9</td></tr> </tbody> </table>			UPDATE DEVICE ALLOCATIONS AND STREAM NAMES			POSITION	DEVICES	STREAM NAME	0	16	STREAM_0	1	16	STREAM_1	2	16	STREAM_2	3	16	STREAM_3	4	16	STREAM_4	5	16	STREAM_5	6	16	STREAM_6	7	16	STREAM_7	8	16	STREAM_8	9	16	STREAM_9
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